

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	((NICHOLAS) near2 (RYAN)).INV.	US-PGPUB; USPAT	OR	ON	2008/04/03 11:48
S2	29	((NICHOLAS) near2 (RYAN)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 11:48
S3	4	((("6603857") or ("20040064710") or ("6851050") or ("2002009947") or ("20020172367")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/03 11:51
S4	5	((("6603857") or ("20040064710") or ("6851050") or ("2002009947") or ("20020172367")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/03 11:52
S5	5	((("6603857") or ("20040064710") or ("6851050") or ("2002009947") or ("20020172367")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/03 11:53
S6	32	("4145569"   "4800590"   "4809327"   "4811393"   "4819267"   "4881264"   "4944008"   "5146498"   "5216715"   "5325433"   "5341426"   "5412722"   "5457746"   "5481613"   "5581614"   "5600720"   "5604807"   "5625694"   "5720034"   "5774550"   "5784460"   "5793973"   "5802175"   "5805705"   "5805712"   "5811770"   "5825876"   "6157723").PN. OR ("6603857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/03 11:55
S7	2467	((713/189) or (380/44)).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/04/03 11:57
S8	7921	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/04/03 12:03
S9	273	S8 and time adj based	US-PGPUB; USPAT	OR	ON	2008/04/03 12:03
S10	2028	S8 and future	US-PGPUB; USPAT	OR	ON	2008/04/03 12:03
S11	131	S9 and future	US-PGPUB; USPAT	OR	ON	2008/04/03 12:03
S12	34	S8 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2008/04/03 12:04
S13	1	("5825876").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/03 12:05
S14	20	US-4203166-\$.D.ID. OR US-4734568-\$.D.ID. OR US-4757533-\$.D.ID. OR US-4796220-\$.D.ID. OR US-4799258-\$.D.ID. OR US-4827508-\$.D.ID. OR US-4972472-\$.D.ID. OR US-5032979-\$.D.ID. OR US-	US-PGPUB; USPAT	OR	ON	2008/04/03 12:08

		5052040-\$.D.ID. OR US-5058164-\$.D.ID. OR US-5144660-\$.D.ID. OR US-5204897- \$.D.ID. OR US-5220657-\$.D.ID. OR US- 5247575-\$.D.ID. OR US-5276735-\$.D.ID. OR US-5301247-\$.D.ID. OR US-5319705- \$.D.ID. OR US-5369702-\$.D.ID. OR US- 5375169-\$.D.ID. OR US-4888800-\$.D.ID.				
S15	20	US-5404404-\$.D.ID. OR US-5406628- \$.D.ID. OR US-5414852-\$.D.ID. OR US- 5495533-\$.D.ID. OR US-5499297-\$.D.ID. OR US-5502766-\$.D.ID. OR US-5557765- \$.D.ID. OR US-5570108-\$.D.ID. OR US- 5584023-\$.D.ID. OR US-5600722-\$.D.ID. OR US-5606663-\$.D.ID. OR US-5671412- \$.D.ID. OR US-5677953-\$.D.ID. OR US- 5680452-\$.D.ID. OR US-5684987-\$.D.ID. OR US-5689718-\$.D.ID. OR US-5699428- \$.D.ID. OR US-5708709-\$.D.ID. OR US- 5715403-\$.D.ID. OR US-5717755-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:09
S16	20	US-5720033-\$.D.ID. OR US-5729734- \$.D.ID. OR US-5745573-\$.D.ID. OR US- 5748736-\$.D.ID. OR US-5751287-\$.D.ID. OR US-5757920-\$.D.ID. OR US-5765152- \$.D.ID. OR US-5778065-\$.D.ID. OR US- 5787169-\$.D.ID. OR US-5787173-\$.D.ID. OR US-5787175-\$.D.ID. OR US-5790789- \$.D.ID. OR US-5821933-\$.D.ID. OR US- 5835592-\$.D.ID. OR US-5835601-\$.D.ID. OR US-5857189-\$.D.ID. OR US-5862325- \$.D.ID. OR US-5870468-\$.D.ID. OR US- 5870477-\$.D.ID. OR US-5881287-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:09
S17	19	US-5892900-\$.D.ID. OR US-5893084- \$.D.ID. OR US-5898781-\$.D.ID. OR US- 5922073-\$.D.ID. OR US-5933498-\$.D.ID. OR US-5944794-\$.D.ID. OR US-5953419- \$.D.ID. OR US-5968177-\$.D.ID. OR US- 5987440-\$.D.ID. OR US-5991879-\$.D.ID. OR US-6023506-\$.D.ID. OR US-6032216- \$.D.ID. OR US-6038322-\$.D.ID. OR US- 6044155-\$.D.ID. OR US-6055314-\$.D.ID. OR US-6058424-\$.D.ID. OR US-6061790- \$.D.ID. OR US-6088717-\$.D.ID. OR US- 6088805-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:10
S18	20	US-6098056-\$.D.ID. OR US-6105131- \$.D.ID. OR US-6134327-\$.D.ID. OR US- 6134658-\$.D.ID. OR US-6141754-\$.D.ID. OR US-6145084-\$.D.ID. OR US-6158010- \$.D.ID. OR US-6161139-\$.D.ID. OR US- 6182142-\$.D.ID. OR US-6185684-\$.D.ID. OR US-6205549-\$.D.ID. OR US-6226618- \$.D.ID. OR US-6226745-\$.D.ID. OR US- 6240188-\$.D.ID. OR US-6249873-\$.D.ID. OR US-6253193-\$.D.ID. OR US-6260141- \$.D.ID. OR US-6263348-\$.D.ID. OR US- 6272631-\$.D.ID. OR US-6272632-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:15
S19	20	US-6282649-\$.D.ID. OR US-6289450- \$.D.ID. OR US-6292899-\$.D.ID. OR US- 6295361-\$.D.ID. OR US-6301614-\$.D.ID. OR US-6308256-\$.D.ID. OR US-6314409- \$.D.ID. OR US-6317777-\$.D.ID. OR US- 6336114-\$.D.ID. OR US-6339423-\$.D.ID. OR US-6339825-\$.D.ID. OR US-6341164-	US-PGPUB; USPAT	OR	ON	2008/04/03 12:15

		\$\$.DID. OR US-6347374-\$.DID. OR US-6351813-\$.DID. OR US-6356903-\$.DID. OR US-6356941-\$.DID. OR US-6363480-\$.DID. OR US-6370249-\$.DID. OR US-6381698-\$.DID. OR US-6389433-\$.DID.				
S20	20	US-6389538-\$.DID. OR US-6405315-\$.DID. OR US-6421714-\$.DID. OR US-6442688-\$.DID. OR US-6442695-\$.DID. OR US-6449721-\$.DID. OR US-6453353-\$.DID. OR US-6466932-\$.DID. OR US-6477544-\$.DID. OR US-6490680-\$.DID. OR US-6505300-\$.DID. OR US-6510349-\$.DID. OR US-6530020-\$.DID. OR US-6530024-\$.DID. OR US-6542608-\$.DID. OR US-6549623-\$.DID. OR US-6550011-\$.DID. OR US-6567914-\$.DID. OR US-6571291-\$.DID. OR US-6588673-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:16
S21	20	US-6594662-\$.DID. OR US-6598161-\$.DID. OR US-6608636-\$.DID. OR US-6615349-\$.DID. OR US-6615350-\$.DID. OR US-6625650-\$.DID. OR US-6629243-\$.DID. OR US-6633311-\$.DID. OR US-6640307-\$.DID. OR US-6646515-\$.DID. OR US-6647388-\$.DID. OR US-6718361-\$.DID. OR US-6735701-\$.DID. OR US-6738908-\$.DID. OR US-6775779-\$.DID. OR US-6782403-\$.DID. OR US-6801999-\$.DID. OR US-6807636-\$.DID. OR US-6810479-\$.DID. OR US-6816871-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:16
S22	20	US-6834333-\$.DID. OR US-6834341-\$.DID. OR US-6845452-\$.DID. OR US-6874139-\$.DID. OR US-6889210-\$.DID. OR US-6891953-\$.DID. OR US-6892201-\$.DID. OR US-6909708-\$.DID. OR US-6915434-\$.DID. OR US-6920558-\$.DID. OR US-6931450-\$.DID. OR US-6931530-\$.DID. OR US-6931597-\$.DID. OR US-6938042-\$.DID. OR US-6941355-\$.DID. OR US-6941456-\$.DID. OR US-6941472-\$.DID. OR US-6947556-\$.DID. OR US-6950818-\$.DID. OR US-6950936-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:16
S23	20	US-6952780-\$.DID. OR US-6957261-\$.DID. OR US-6959308-\$.DID. OR US-6961849-\$.DID. OR US-6978376-\$.DID. OR US-6993135-\$.DID. OR US-6996718-\$.DID. OR US-7003117-\$.DID. OR US-7003560-\$.DID. OR US-7013332-\$.DID. OR US-7013485-\$.DID. OR US-7020645-\$.DID. OR US-7024427-\$.DID. OR US-7035854-\$.DID. OR US-7051213-\$.DID. OR US-7058978-\$.DID. OR US-7073063-\$.DID. OR US-7073073-\$.DID. OR US-7076067-\$.DID. OR US-7076312-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:17
S24	20	US-7076469-\$.DID. OR US-7076633-\$.DID. OR US-7080077-\$.DID. OR US-7095853-\$.DID. OR US-7099926-\$.DID. OR US-7107269-\$.DID. OR US-7120635-\$.DID. OR US-7120757-\$.DID. OR US-7124164-\$.DID. OR US-7130964-\$.DID. OR US-7131071-\$.DID. OR US-7136903-\$.DID. OR US-7145898-\$.DID. OR US-7159036-\$.DID. OR US-7171557-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:24

		OR US-7174563-\$.DID. OR US-7178033-\$.DID. OR US-7187033-\$.DID. OR US-7185364-\$.DID. OR US-7188181-\$.DID.				
S25	20	US-7200747-\$.DID. OR US-7203317-\$.DID. OR US-7224795-\$.DID. OR US-7249044-\$.DID. OR US-7260555-\$.DID. OR US-7265764-\$.DID. OR US-7266684-\$.DID. OR US-7280658-\$.DID. OR US-7287055-\$.DID. OR US-20010021926-\$.DID. OR US-20010032181-\$.DID. OR US-20010034839-\$.DID. OR US-20010044903-\$.DID. OR US-20010056550-\$.DID. OR US-20020010679-\$.DID. OR US-20020016922-\$.DID. OR US-20020031230-\$.DID. OR US-20020035624-\$.DID. OR US-20020046350-\$.DID. OR US-20020056042-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:25
S26	20	US-20020062245-\$.DID. OR US-20020069077-\$.DID. OR US-20020069272-\$.DID. OR US-20020069363-\$.DID. OR US-20020073320-\$.DID. OR US-20020077988-\$.DID. OR US-20020087479-\$.DID. OR US-20020124180-\$.DID. OR US-20020129235-\$.DID. OR US-20020133699-\$.DID. OR US-20020138762-\$.DID. OR US-20020143710-\$.DID. OR US-20020156726-\$.DID. OR US-20020169963-\$.DID. OR US-20020169965-\$.DID. OR US-20020174109-\$.DID. OR US-20020178271-\$.DID. OR US-20020198798-\$.DID. OR US-20030009685-\$.DID. OR US-20030014391-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:53
S27	20	US-20030200202-\$.DID. OR US-20030217264-\$.DID. OR US-20030217281-\$.DID. OR US-20030023559-\$.DID. OR US-20030033528-\$.DID. OR US-20030037133-\$.DID. OR US-20030037237-\$.DID. OR US-20030037253-\$.DID. OR US-20030051039-\$.DID. OR US-20030074580-\$.DID. OR US-20030078959-\$.DID. OR US-20030079175-\$.DID. OR US-20030088517-\$.DID. OR US-20030088783-\$.DID. OR US-20030110169-\$.DID. OR US-20030110397-\$.DID. OR US-20030115146-\$.DID. OR US-20030120601-\$.DID. OR US-20030120684-\$.DID. OR US-20030154381-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:53
S28	20	US-20030177070-\$.DID. OR US-20030177378-\$.DID. OR US-20030182579-\$.DID. OR US-20030217333-\$.DID. OR US-	US-PGPUB; USPAT	OR	ON	2008/04/03 12:53

		20040025037-\$.DID. OR US- 20040068664-\$.DID. OR US- 20040073718-\$.DID. OR US- 20040098580-\$.DID. OR US- 20040103202-\$.DID. OR US- 20040103280-\$.DID. OR US- 20050138383-\$.DID. OR US- 20040193602-\$.DID. OR US- 20040193912-\$.DID. OR US- 20040215956-\$.DID. OR US- 20040215962-\$.DID. OR US- 20040243853-\$.DID. OR US- 20050021467-\$.DID. OR US- 20050028006-\$.DID. OR US- 20050039034-\$.DID. OR US- 20050071275-\$.DID.				
S29	18	US-20050071657-\$.DID. OR US- 20050071658-\$.DID. OR US- 20050081029-\$.DID. OR US- 20050086531-\$.DID. OR US- 20050091484-\$.DID. OR US- 20050120199-\$.DID. OR US- 20050138371-\$.DID. OR US- 20050177716-\$.DID. OR US- 20050198326-\$.DID. OR US- 20050223242-\$.DID. OR US- 20050223414-\$.DID. OR US- 20050273600-\$.DID. OR US- 20050288961-\$.DID. OR US- 20060005021-\$.DID. OR US- 20060075465-\$.DID. OR US- 20060093150-\$.DID. OR US- 20060230437-\$.DID. OR US- 20070006214-\$.DID.	US-PGPUB; USPAT	OR	ON	2008/04/03 12:54
S30	317	S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29	US-PGPUB; USPAT	OR	ON	2008/04/03 13:24
S31	6	S30 and time adj based near3 key	US-PGPUB; USPAT	OR	ON	2008/04/03 13:25
S32	463	(data document file content) adj key with header	US-PGPUB; USPAT	OR	ON	2008/04/03 13:26
S33	106	S32 and S8	US-PGPUB; USPAT	OR	ON	2008/04/03 13:27
S34	1965	key with available with generat\$4	US-PGPUB; USPAT	OR	ON	2008/04/03 13:29
S35	268	S34 and S8	US-PGPUB; USPAT	OR	ON	2008/04/03 13:29
S36	175	key with available with generat\$4 near2 key and S8	US-PGPUB; USPAT	OR	ON	2008/04/03 13:29
S37	21	(content data document file) adj key near2 available and generat\$4 near2 (content data document file) adj key	US-PGPUB; USPAT	OR	ON	2008/04/03 13:39
S38	6	(content data document file) adj key with already adj2 exist	US-PGPUB; USPAT	OR	ON	2008/04/03 13:40
S39	8745	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/08/15 11:10
S40	37	S39 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2008/08/15 11:10
S41	1	("6892306").PN.	US-PGPUB;	OR	OFF	2008/08/15

			USPAT			11:13
S42	37	hybrid adj encryption	US-PGPUB; USPAT	OR	ON	2008/08/15 11:24
S43	1	("20050071657").FN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 14:49
S44	1	("20020016992").FN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 15:09
S45	1	("20020016922").FN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 15:09
S46	1	S45 and encrypt\$4 with header	US-PGPUB; USPAT	OR	ON	2009/01/26 15:17
S47	1	("6892306").FN.	US-PGPUB; USPAT	OR	OFF	2009/01/26 15:29
S48	1	S47 and temporary adj validation with header	US-PGPUB; USPAT	OR	ON	2009/01/26 15:36
S49	1	S47 and encrypt\$4 with header	US-PGPUB; USPAT	OR	ON	2009/01/26 15:53
S50	9707	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/01/26 16:46
S51	38	S50 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2009/01/26 16:46
S52	40	hybrid adj encryption	US-PGPUB; USPAT	OR	ON	2009/01/26 16:46
S53	20	US-5535375-\$.D.ID. OR US-5655119- \$.D.ID. OR US-5661806-\$.D.ID. OR US- 5732265-\$.D.ID. OR US-5790790-\$.D.ID. OR US-5813009-\$.D.ID. OR US-5970502- \$.D.ID. OR US-5999907-\$.D.ID. OR US- 6014730-\$.D.ID. OR US-6069057-\$.D.ID. OR US-6085323-\$.D.ID. OR US-6101507- \$.D.ID. OR US-6122630-\$.D.ID. OR US- 6134660-\$.D.ID. OR US-6134664-\$.D.ID. OR US-6212561-\$.D.ID. OR US-6223285- \$.D.ID. OR US-6226618-\$.D.ID. OR US- 6260040-\$.D.ID. OR US-6308273-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2009/01/26 16:52
S54	20	US-6332025-\$.D.ID. OR US-6343316- \$.D.ID. OR US-6349337-\$.D.ID. OR US- 6357010-\$.D.ID. OR US-6393420-\$.D.ID. OR US-6446090-\$.D.ID. OR US-6529956- \$.D.ID. OR US-6557039-\$.D.ID. OR US- 6587946-\$.D.ID. OR US-6611599-\$.D.ID. OR US-6678835-\$.D.ID. OR US-6711683- \$.D.ID. OR US-6801999-\$.D.ID. OR US- 6807534-\$.D.ID. OR US-6810389-\$.D.ID. OR US-6826698-\$.D.ID. OR US-6865555- \$.D.ID. OR US-6887822-\$.D.ID. OR US- 6877136-\$.D.ID. OR US-6907034-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2009/01/26 16:53
S55	20	US-6944183-\$.D.ID. OR US-6950941- \$.D.ID. OR US-6950943-\$.D.ID. OR US- 6968060-\$.D.ID. OR US-6971018-\$.D.ID. OR US-6978377-\$.D.ID. OR US-6988133- \$.D.ID. OR US-6988199-\$.D.ID. OR US- 7003661-\$.D.ID. OR US-7035910-\$.D.ID. OR US-7046807-\$.D.ID. OR US-7058696- \$.D.ID. OR US-7096266-\$.D.ID. OR US- 7134041-\$.D.ID. OR US-7146496-\$.D.ID. OR US-7177427-\$.D.ID. OR US-7181017- \$.D.ID. OR US-7194764-\$.D.ID. OR US-	US-PGPUB; USPAT	OR	ON	2009/01/26 16:53

		7203968-\$.DID. OR US-7219230-\$.DID.				
S56	20	US-7225256-\$.DID. OR US-7227953-\$.DID. OR US-7233948-\$.DID. OR US-7237002-\$.DID. OR US-7290148-\$.DID. OR US-7308702-\$.DID. OR US-7313824-\$.DID. OR US-7319752-\$.DID. OR US-7380120-\$.DID. OR US-7383586-\$.DID. OR US-7388529-\$.DID. OR US-20010011254-\$.DID. OR US-20020050098-\$.DID. OR US-20020062240-\$.DID. OR US-20020077986-\$.DID. OR US-20020143906-\$.DID. OR US-20020157016-\$.DID. OR US-20020176572-\$.DID. OR US-20020194484-\$.DID. OR US-20030028610-\$.DID.	US-PGPUB; USPAT	OR	ON	2009/01/26 16:53
S57	20	US-20030115570-\$.DID. OR US-20030159066-\$.DID. OR US-20030046238-\$.DID. OR US-20030056139-\$.DID. OR US-20030081784-\$.DID. OR US-20030081787-\$.DID. OR US-20030110266-\$.DID. OR US-20030126434-\$.DID. OR US-20030196096-\$.DID. OR US-20030197729-\$.DID. OR US-20030217264-\$.DID. OR US-20030226013-\$.DID. OR US-20030233650-\$.DID. OR US-20040022390-\$.DID. OR US-20040039781-\$.DID. OR US-20040068524-\$.DID. OR US-20040088548-\$.DID. OR US-20040133544-\$.DID. OR US-20040158586-\$.DID. OR US-20040193905-\$.DID.	US-PGPUB; USPAT	OR	ON	2009/01/26 16:54
S58	8	US-20040199514-\$.DID. OR US-20050021629-\$.DID. OR US-20050028006-\$.DID. OR US-20050177858-\$.DID. OR US-20050256909-\$.DID. OR US-20050283610-\$.DID. OR US-20060168147-\$.DID. OR US-6584466-\$.DID.	US-PGPUB; USPAT	OR	ON	2009/01/26 16:54
S59	148	S52 S53 S54 S55 S56 S57 S58	US-PGPUB; USPAT	OR	ON	2009/01/26 16:54
S60	31	S59 and encrypt\$4 with header	US-PGPUB; USPAT	OR	ON	2009/01/26 16:55
S61	0	S60 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2009/01/26 16:55
S62	0	S59 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2009/01/26 16:55
S63	10699	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).OQLS.	US-PGPUB; USPAT	OR	OFF	2009/06/24 17:47
S64	10699	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).OQLS.	US-PGPUB; USPAT	OR	OFF	2009/06/24 17:47
S65	42	S64 and time adj based near2 key	US-PGPUB;	OR	ON	2009/06/24

			USPAT			17:47
S66	10699	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/24 17:47
S67	543	(data document file content) adj key with header	US-PGPUB; USPAT	OR	ON	2009/06/24 17:47
S68	139	S67 and S66	US-PGPUB; USPAT	OR	ON	2009/06/24 17:47
S69	1	("20050071657").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/24 17:48
S70	1	("20020016922").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/24 17:48
S71	12	US-6192408-\$.DID. OR US-6519700-\$.DID. OR US-6611846-\$.DID. OR US-7107416-\$.DID. OR US-7117322-\$.DID. OR US-7146388-\$.DID. OR US-7340600-\$.DID. OR US-20030172280-\$.DID. OR US-20030101072-\$.DID. OR US-20040073660-\$.DID. OR US-20050235154-\$.DID. OR US-20070067837-\$.DID.	US-PGPUB; USPAT	OR	ON	2009/06/24 17:55
S72	26	((NICHOLAS) near2 (RYAN)).INV.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S73	38	((NICHOLAS) near2 (RYAN)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 15:59
S74	4	(("6603857") or ("20040064710") or ("6851050") or ("2002009947") or ("20020172367")).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S75	5	(("6603857") or ("20040064710") or ("6851050") or ("2002009947") or ("20020172367")).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S76	5	(("6603857") or ("20040064710") or ("6851050") or ("2002009947") or ("20020172367")).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S77	41	("4145569"   "4800590"   "4809327"   "4811393"   "4819267"   "4881264"   "4944008"   "5146498"   "5216715"   "5325433"   "5341426"   "5412722"   "5457746"   "5481613"   "5581614"   "5600720"   "5604807"   "5625694"   "5720034"   "5774550"   "5784460"   "5793973"   "5802175"   "5805705"   "5805712"   "5811770"   "5825876"   "6157723").PN. OR ("6603857").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 15:59
S78	3581	((713/189) or (380/44)).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S79	12121	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S80	447	S79 and time adj based	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S81	3055	S79 and future	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59



S82	207	S80 and future	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S83	47	S79 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S84	1	("5825876").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S85	20	US-4203166-\$.D.ID. OR US-4734568-\$.D.ID. OR US-4757533-\$.D.ID. OR US-4796220-\$.D.ID. OR US-4799258-\$.D.ID. OR US-4827508-\$.D.ID. OR US-4972472-\$.D.ID. OR US-5032979-\$.D.ID. OR US-5052040-\$.D.ID. OR US-5058164-\$.D.ID. OR US-5144660-\$.D.ID. OR US-5204897-\$.D.ID. OR US-5220657-\$.D.ID. OR US-5247575-\$.D.ID. OR US-5276735-\$.D.ID. OR US-5301247-\$.D.ID. OR US-5319705-\$.D.ID. OR US-5369702-\$.D.ID. OR US-5375169-\$.D.ID. OR US-4888800-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S86	20	US-5404404-\$.D.ID. OR US-5406628-\$.D.ID. OR US-5414852-\$.D.ID. OR US-5495533-\$.D.ID. OR US-5499297-\$.D.ID. OR US-5502766-\$.D.ID. OR US-5557765-\$.D.ID. OR US-5570108-\$.D.ID. OR US-5584023-\$.D.ID. OR US-5600722-\$.D.ID. OR US-5606663-\$.D.ID. OR US-5671412-\$.D.ID. OR US-5677953-\$.D.ID. OR US-5680452-\$.D.ID. OR US-5684987-\$.D.ID. OR US-5689718-\$.D.ID. OR US-5699428-\$.D.ID. OR US-5708709-\$.D.ID. OR US-5715403-\$.D.ID. OR US-5717755-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S87	20	US-5720033-\$.D.ID. OR US-5729734-\$.D.ID. OR US-5745573-\$.D.ID. OR US-5748736-\$.D.ID. OR US-5751287-\$.D.ID. OR US-5757920-\$.D.ID. OR US-5765152-\$.D.ID. OR US-5778065-\$.D.ID. OR US-5787169-\$.D.ID. OR US-5787173-\$.D.ID. OR US-5787175-\$.D.ID. OR US-5790789-\$.D.ID. OR US-5821933-\$.D.ID. OR US-5835592-\$.D.ID. OR US-5835601-\$.D.ID. OR US-5857189-\$.D.ID. OR US-5862325-\$.D.ID. OR US-5870468-\$.D.ID. OR US-5870477-\$.D.ID. OR US-5881287-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S88	19	US-5892900-\$.D.ID. OR US-5893084-\$.D.ID. OR US-5898781-\$.D.ID. OR US-5922073-\$.D.ID. OR US-5933498-\$.D.ID. OR US-5944794-\$.D.ID. OR US-5953419-\$.D.ID. OR US-5968177-\$.D.ID. OR US-5987440-\$.D.ID. OR US-5991879-\$.D.ID. OR US-6023506-\$.D.ID. OR US-6032216-\$.D.ID. OR US-6038322-\$.D.ID. OR US-6044155-\$.D.ID. OR US-6055314-\$.D.ID. OR US-6058424-\$.D.ID. OR US-6061790-\$.D.ID. OR US-6088717-\$.D.ID. OR US-6088805-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S89	20	US-6098056-\$.D.ID. OR US-6105131-\$.D.ID. OR US-6134327-\$.D.ID. OR US-6134658-\$.D.ID. OR US-6141754-\$.D.ID. OR US-6145084-\$.D.ID. OR US-6158010-\$.D.ID. OR US-6161139-\$.D.ID. OR US-6182142-\$.D.ID. OR US-6185684-\$.D.ID. OR US-6205549-\$.D.ID. OR US-6226618-\$.D.ID. OR US-6226745-\$.D.ID. OR US-	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59

		6240188-\$.D.ID. OR US-6249873-\$.D.ID. OR US-6253193-\$.D.ID. OR US-6260141- \$.D.ID. OR US-6263348-\$.D.ID. OR US- 6272631-\$.D.ID. OR US-6272632-\$.D.ID.				
S90	20	US-6282649-\$.D.ID. OR US-6289450- \$.D.ID. OR US-6292899-\$.D.ID. OR US- 6295361-\$.D.ID. OR US-6301614-\$.D.ID. OR US-6308256-\$.D.ID. OR US-6314409- \$.D.ID. OR US-6317777-\$.D.ID. OR US- 6336114-\$.D.ID. OR US-6339423-\$.D.ID. OR US-6339825-\$.D.ID. OR US-6341164- \$.D.ID. OR US-6347374-\$.D.ID. OR US- 6351813-\$.D.ID. OR US-6356903-\$.D.ID. OR US-6356941-\$.D.ID. OR US-6363480- \$.D.ID. OR US-6370249-\$.D.ID. OR US- 6381698-\$.D.ID. OR US-6389433-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S91	20	US-6389538-\$.D.ID. OR US-6405315- \$.D.ID. OR US-6421714-\$.D.ID. OR US- 6442688-\$.D.ID. OR US-6442695-\$.D.ID. OR US-6449721-\$.D.ID. OR US-6453353- \$.D.ID. OR US-6466932-\$.D.ID. OR US- 6477544-\$.D.ID. OR US-6490680-\$.D.ID. OR US-6505300-\$.D.ID. OR US-6510349- \$.D.ID. OR US-6530020-\$.D.ID. OR US- 6530024-\$.D.ID. OR US-6542608-\$.D.ID. OR US-6549623-\$.D.ID. OR US-6550011- \$.D.ID. OR US-6567914-\$.D.ID. OR US- 6571291-\$.D.ID. OR US-6588673-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S92	20	US-6594662-\$.D.ID. OR US-6598161- \$.D.ID. OR US-6608636-\$.D.ID. OR US- 6615349-\$.D.ID. OR US-6615350-\$.D.ID. OR US-6625650-\$.D.ID. OR US-6629243- \$.D.ID. OR US-6633311-\$.D.ID. OR US- 6640307-\$.D.ID. OR US-6646515-\$.D.ID. OR US-6647388-\$.D.ID. OR US-6718361- \$.D.ID. OR US-6735701-\$.D.ID. OR US- 6738908-\$.D.ID. OR US-6775779-\$.D.ID. OR US-6782403-\$.D.ID. OR US-6801999- \$.D.ID. OR US-6807636-\$.D.ID. OR US- 6810479-\$.D.ID. OR US-6816871-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S93	20	US-6834333-\$.D.ID. OR US-6834341- \$.D.ID. OR US-6845452-\$.D.ID. OR US- 6874139-\$.D.ID. OR US-6889210-\$.D.ID. OR US-6891953-\$.D.ID. OR US-6892201- \$.D.ID. OR US-6909708-\$.D.ID. OR US- 6915434-\$.D.ID. OR US-6920558-\$.D.ID. OR US-6931450-\$.D.ID. OR US-6931530- \$.D.ID. OR US-6931597-\$.D.ID. OR US- 6938042-\$.D.ID. OR US-6941355-\$.D.ID. OR US-6941456-\$.D.ID. OR US-6941472- \$.D.ID. OR US-6947556-\$.D.ID. OR US- 6950818-\$.D.ID. OR US-6950936-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S94	20	US-6952780-\$.D.ID. OR US-6957261- \$.D.ID. OR US-6959308-\$.D.ID. OR US- 6961849-\$.D.ID. OR US-6978376-\$.D.ID. OR US-6993135-\$.D.ID. OR US-6996718- \$.D.ID. OR US-7003117-\$.D.ID. OR US- 7003560-\$.D.ID. OR US-7013332-\$.D.ID. OR US-7013485-\$.D.ID. OR US-7020645- \$.D.ID. OR US-7024427-\$.D.ID. OR US- 7035854-\$.D.ID. OR US-7051213-\$.D.ID. OR US-7058978-\$.D.ID. OR US-7073063-	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59

		\$\$.DID. OR US-7073073-\$.DID. OR US-7076067-\$.DID. OR US-7076312-\$.DID.				
S95	20	US-7076469-\$.DID. OR US-7076633-\$.DID. OR US-7080077-\$.DID. OR US-7095853-\$.DID. OR US-7099926-\$.DID. OR US-7107269-\$.DID. OR US-7120635-\$.DID. OR US-7120757-\$.DID. OR US-7124164-\$.DID. OR US-7130964-\$.DID. OR US-7131071-\$.DID. OR US-7136903-\$.DID. OR US-7145898-\$.DID. OR US-7159036-\$.DID. OR US-7171557-\$.DID. OR US-7174563-\$.DID. OR US-7178033-\$.DID. OR US-7187033-\$.DID. OR US-7185364-\$.DID. OR US-7188181-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S96	20	US-7200747-\$.DID. OR US-7203317-\$.DID. OR US-7224795-\$.DID. OR US-7249044-\$.DID. OR US-7260555-\$.DID. OR US-7265764-\$.DID. OR US-7266684-\$.DID. OR US-7280658-\$.DID. OR US-7287055-\$.DID. OR US-20010021926-\$.DID. OR US-20010032181-\$.DID. OR US-20010034839-\$.DID. OR US-20010044903-\$.DID. OR US-20010056550-\$.DID. OR US-20020010679-\$.DID. OR US-20020016922-\$.DID. OR US-20020031230-\$.DID. OR US-20020035624-\$.DID. OR US-20020046350-\$.DID. OR US-20020056042-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S97	20	US-20020062245-\$.DID. OR US-20020069077-\$.DID. OR US-20020069272-\$.DID. OR US-20020069363-\$.DID. OR US-20020073320-\$.DID. OR US-20020077988-\$.DID. OR US-20020087479-\$.DID. OR US-20020124180-\$.DID. OR US-20020129235-\$.DID. OR US-20020133699-\$.DID. OR US-20020138762-\$.DID. OR US-20020143710-\$.DID. OR US-20020156726-\$.DID. OR US-20020169963-\$.DID. OR US-20020169965-\$.DID. OR US-20020174109-\$.DID. OR US-20020178271-\$.DID. OR US-20020198798-\$.DID. OR US-20030009685-\$.DID. OR US-20030014391-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S98	20	US-20030200202-\$.DID. OR US-20030217264-\$.DID. OR US-20030217281-\$.DID. OR US-20030023559-\$.DID. OR US-20030033528-\$.DID. OR US-20030037133-\$.DID. OR US-20030037237-\$.DID. OR US-20030037253-\$.DID. OR US-20030051039-\$.DID. OR US-20030074580-\$.DID. OR US-20030078959-\$.DID. OR US-20030079175-\$.DID. OR US-20030088517-\$.DID. OR US-	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59

		20030088783-\$.DID. OR US- 20030110169-\$.DID. OR US- 20030110397-\$.DID. OR US- 20030115146-\$.DID. OR US- 20030120601-\$.DID. OR US- 20030120684-\$.DID. OR US- 20030154381-\$.DID.				
S99	20	US-20030177070-\$.DID. OR US- 20030177378-\$.DID. OR US- 20030182579-\$.DID. OR US- 20030217333-\$.DID. OR US- 20040025037-\$.DID. OR US- 20040068664-\$.DID. OR US- 20040073718-\$.DID. OR US- 20040098580-\$.DID. OR US- 20040103202-\$.DID. OR US- 20040103280-\$.DID. OR US- 20050138383-\$.DID. OR US- 20040193602-\$.DID. OR US- 20040193912-\$.DID. OR US- 20040215956-\$.DID. OR US- 20040215962-\$.DID. OR US- 20040243853-\$.DID. OR US- 20050021467-\$.DID. OR US- 20050028006-\$.DID. OR US- 20050039034-\$.DID. OR US- 20050071275-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S100	18	US-20050071657-\$.DID. OR US- 20050071658-\$.DID. OR US- 20050081029-\$.DID. OR US- 20050086531-\$.DID. OR US- 20050091484-\$.DID. OR US- 20050120199-\$.DID. OR US- 20050138371-\$.DID. OR US- 20050177716-\$.DID. OR US- 20050198326-\$.DID. OR US- 20050223242-\$.DID. OR US- 20050223414-\$.DID. OR US- 20050273600-\$.DID. OR US- 20050288961-\$.DID. OR US- 20060005021-\$.DID. OR US- 20060075465-\$.DID. OR US- 20060093150-\$.DID. OR US- 20060230437-\$.DID. OR US- 20070006214-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S101	317	S85 S86 S87 S88 S89 S90 S91 S92 S93 S94 S95 S96 S97 S98 S99 S100	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S102	6	S101 and time adj based near3 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S103	557	(data document file content) adj key with header	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S104	144	S103 and S79	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S105	2549	key with available with generat\$4	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S106	417	S105 and S79	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S107	271	key with available with generat\$4 near2 key and S79	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S108	32	(content data document file) adj key	US-PGPUB;	OR	ON	2010/01/11

		near2 available and generat\$4 near2 (content data document file) adj key	USPAT			15:59
S109	10	(content data document file) adj key with already adj2 exist	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S110	12121	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).OCLS	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S111	47	S110 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S112	1	("6892306").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S113	50	hybrid adj encryption	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S114	1	("20050071657").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S115	1	("20020016992").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S116	1	("20020016922").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S117	1	S116 and encrypt\$4 with header	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S118	1	("6892306").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S119	1	S118 and temporary adj validation with header	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S120	1	S118 and encrypt\$4 with header	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S121	12121	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).OCLS	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S122	47	S121 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S123	50	hybrid adj encryption	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S124	20	US-5535375-\$.D.ID. OR US-5655119- \$.D.ID. OR US-5661806-\$.D.ID. OR US- 5732265-\$.D.ID. OR US-5790790-\$.D.ID. OR US-5813009-\$.D.ID. OR US-5970502- \$.D.ID. OR US-5999907-\$.D.ID. OR US- 6014730-\$.D.ID. OR US-6069057-\$.D.ID. OR US-6085323-\$.D.ID. OR US-6101507- \$.D.ID. OR US-6122630-\$.D.ID. OR US- 6134660-\$.D.ID. OR US-6134664-\$.D.ID. OR US-6212561-\$.D.ID. OR US-6223285- \$.D.ID. OR US-6226618-\$.D.ID. OR US- 6260040-\$.D.ID. OR US-6308273-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S125	20	US-6332025-\$.D.ID. OR US-6343316- \$.D.ID. OR US-6349337-\$.D.ID. OR US- 6357010-\$.D.ID. OR US-6393420-\$.D.ID. OR US-6446090-\$.D.ID. OR US-6529956- \$.D.ID. OR US-6557039-\$.D.ID. OR US- 6587946-\$.D.ID. OR US-6611599-\$.D.ID. OR US-6678835-\$.D.ID. OR US-6711683- \$.D.ID. OR US-6801999-\$.D.ID. OR US- 6807534-\$.D.ID. OR US-6810389-\$.D.ID. OR US-6826698-\$.D.ID. OR US-6865555- \$.D.ID. OR US-6687822-\$.D.ID. OR US- 6877136-\$.D.ID. OR US-6907034-\$.D.ID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59

S126	20	US-6944183-\$.DID. OR US-6950941-\$.DID. OR US-6950943-\$.DID. OR US-6968060-\$.DID. OR US-6971018-\$.DID. OR US-6978377-\$.DID. OR US-6988133-\$.DID. OR US-6988199-\$.DID. OR US-7003661-\$.DID. OR US-7035910-\$.DID. OR US-7046807-\$.DID. OR US-7058696-\$.DID. OR US-7096266-\$.DID. OR US-7134041-\$.DID. OR US-7146498-\$.DID. OR US-7177427-\$.DID. OR US-7181017-\$.DID. OR US-7194764-\$.DID. OR US-7203968-\$.DID. OR US-7219230-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S127	20	US-7225256-\$.DID. OR US-7227953-\$.DID. OR US-7233948-\$.DID. OR US-7237002-\$.DID. OR US-7290148-\$.DID. OR US-7308702-\$.DID. OR US-7313824-\$.DID. OR US-7319752-\$.DID. OR US-7380120-\$.DID. OR US-7383586-\$.DID. OR US-7386529-\$.DID. OR US-20010011254-\$.DID. OR US-20020050098-\$.DID. OR US-20020062240-\$.DID. OR US-20020077986-\$.DID. OR US-20020143906-\$.DID. OR US-20020157016-\$.DID. OR US-20020176572-\$.DID. OR US-20020194484-\$.DID. OR US-20030028610-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S128	20	US-20030115570-\$.DID. OR US-20030159066-\$.DID. OR US-20030046238-\$.DID. OR US-20030056139-\$.DID. OR US-20030081784-\$.DID. OR US-20030081787-\$.DID. OR US-20030110266-\$.DID. OR US-20030126434-\$.DID. OR US-20030196096-\$.DID. OR US-20030197729-\$.DID. OR US-20030217264-\$.DID. OR US-20030226013-\$.DID. OR US-20030233650-\$.DID. OR US-20040022390-\$.DID. OR US-20040039781-\$.DID. OR US-20040068524-\$.DID. OR US-20040088548-\$.DID. OR US-20040133544-\$.DID. OR US-20040158586-\$.DID. OR US-20040193905-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S129	8	US-20040199514-\$.DID. OR US-20050021629-\$.DID. OR US-20050028006-\$.DID. OR US-20050177858-\$.DID. OR US-20050256909-\$.DID. OR US-20050283610-\$.DID. OR US-20060168147-\$.DID. OR US-6584466-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S130	158	S123 S124 S125 S126 S127 S128 S129	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S131	32	S130 and encrypt\$4 with header	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S132	0	S131 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59

S133	0	S130 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S134	12121	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S135	12121	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S136	47	S135 and time adj based near2 key	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S137	12121	((713/153,160,198) or (726/2,26,27,28,29) or (380/277,278,279,282,44,45)).CQLS	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S138	557	(data document file content) adj key with header	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S139	144	S138 and S137	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S140	1	("20050071657").FN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S141	1	("20020016922").FN.	US-PGPUB; USPAT	OR	OFF	2010/01/11 15:59
S142	12	US-6192408-\$.DID. OR US-6519700- \$.DID. OR US-6611846-\$.DID. OR US- 7107416-\$.DID. OR US-7117322-\$.DID. OR US-7146388-\$.DID. OR US-7340600- \$.DID. OR US-20030172280-\$.DID. OR US-20030101072-\$.DID. OR US- 20040073660-\$.DID. OR US- 20050235154-\$.DID. OR US- 20070067837-\$.DID.	US-PGPUB; USPAT	OR	ON	2010/01/11 15:59
S143	1295	header with (contant file document encryption decryption) adj key	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 13:28
S144	3	(("6292895") or ("5923754") or ("6603857")).FN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/08/08 21:23
S145	4004	header with access adj (control condition)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 14:15
S146	100	key with header with access adj (control condition)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 14:16
S147	575	key with header with public with encrypt\$4	US-PGPUB; USPAT; USOOR; FPRS;	OR	ON	2011/01/26 14:24

			EPO; JPO; DERWENT; IBM_TDB			
S148	38	US-4238854-\$.DID. OR US-4423387-\$.DID. OR US-4799258-\$.DID. OR US-4887204-\$.DID. OR US-4912552-\$.DID. OR US-5235641-\$.DID. OR US-5434918-\$.DID. OR US-5461710-\$.DID. OR US-5467342-\$.DID. OR US-5497422-\$.DID. OR US-5619576-\$.DID. OR US-5638501-\$.DID. OR US-5640388-\$.DID. OR US-5661668-\$.DID. OR US-5682537-\$.DID. OR US-5689688-\$.DID. OR US-5719941-\$.DID. OR US-5732265-\$.DID. OR US-5745750-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 16:57
S149	38	US-5768381-\$.DID. OR US-5778350-\$.DID. OR US-5781711-\$.DID. OR US-5813009-\$.DID. OR US-5825876-\$.DID. OR US-5850443-\$.DID. OR US-5970502-\$.DID. OR US-5978802-\$.DID. OR US-6031584-\$.DID. OR US-6035404-\$.DID. OR US-6070244-\$.DID. OR US-6088717-\$.DID. OR US-6148338-\$.DID. OR US-6199070-\$.DID. OR US-6249755-\$.DID. OR US-6266420-\$.DID. OR US-6289458-\$.DID. OR US-6292895-\$.DID. OR US-6299069-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 16:58
S150	40	US-6314408-\$.DID. OR US-6385644-\$.DID. OR US-6405315-\$.DID. OR US-6405318-\$.DID. OR US-6408404-\$.DID. OR US-6453419-\$.DID. OR US-6466476-\$.DID. OR US-6487662-\$.DID. OR US-6574733-\$.DID. OR US-6601170-\$.DID. OR US-6625734-\$.DID. OR US-6683954-\$.DID. OR US-6693652-\$.DID. OR US-6698022-\$.DID. OR US-6751573-\$.DID. OR US-6754657-\$.DID. OR US-6754665-\$.DID. OR US-6779031-\$.DID. OR US-6816969-\$.DID. OR US-6842825-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 16:59
S151	41	US-7047404-\$.DID. OR US-7103911-\$.DID. OR US-7107185-\$.DID. OR US-7113594-\$.DID. OR US-7116785-\$.DID. OR US-7126957-\$.DID. OR US-7139399-\$.DID. OR US-7140044-\$.DID. OR US-7168094-\$.DID. OR US-7177839-\$.DID. OR US-7197638-\$.DID. OR US-7249251-\$.DID. OR US-7281272-\$.DID. OR US-7287058-\$.DID. OR US-7359517-\$.DID. OR US-7362868-\$.DID. OR US-7386599-\$.DID. OR US-7401220-\$.DID. OR US-7406596-\$.DID. OR US-7415608-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:00
S152	40	US-6862103-\$.DID. OR US-6870920-\$.DID. OR US-6877010-\$.DID. OR US-6882994-\$.DID. OR US-6898627-\$.DID. OR US-6892306-\$.DID. OR US-6915425-\$.DID. OR US-6915435-\$.DID. OR US-6922785-\$.DID. OR US-6924425-\$.DID. OR US-6938156-\$.DID. OR US-6961855-\$.DID. OR US-6968456-\$.DID. OR US-6976259-\$.DID. OR US-6978366-\$.DID. OR US-6987752-\$.DID. OR US-7000150-\$.DID. OR US-7010689-\$.DID. OR US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:01



		7010809-\$.DID. OR US-7043637-\$.DID.				
S153	39	US-7434048-\$.DID. OR US-7454612-\$.DID. OR US-7461157-\$.DID. OR US-7461405-\$.DID. OR US-7478243-\$.DID. OR US-7478418-\$.DID. OR US-7496959-\$.DID. OR US-7509492-\$.DID. OR US-7512810-\$.DID. OR US-7539867-\$.DID. OR US-7555558-\$.DID. OR US-7562232-\$.DID. OR US-7565683-\$.DID. OR US-7631184-\$.DID. OR US-7681034-\$.DID. OR US-7698230-\$.DID. OR US-7702909-\$.DID. OR US-7703140-\$.DID. OR US-7707427-\$.DID. OR US-7729995-\$.DID.	US-PGPUB; USPAT; USOCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:01
S154	38	US-7730543-\$.DID. OR US-7748045-\$.DID. OR US-20010000265-\$.DID. OR US-20010018743-\$.DID. OR US-20010021255-\$.DID. OR US-20010023421-\$.DID. OR US-20010033611-\$.DID. OR US-20010042110-\$.DID. OR US-20010056541-\$.DID. OR US-20010150239-\$.DID. OR US-20020003886-\$.DID. OR US-20020007335-\$.DID. OR US-20020013772-\$.DID. OR US-20020016921-\$.DID. OR US-20020023208-\$.DID. OR US-20020026321-\$.DID. OR US-20020027886-\$.DID. OR US-20020029340-\$.DID. OR US-20020036984-\$.DID. OR US-20020041391-\$.DID.	US-PGPUB; USPAT; USOCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:02
S155	40	US-20020042756-\$.DID. OR US-20020052981-\$.DID. OR US-20020062451-\$.DID. OR US-20020078239-\$.DID. OR US-20020078361-\$.DID. OR US-20020089602-\$.DID. OR US-20020091532-\$.DID. OR US-20020091745-\$.DID. OR US-20020091928-\$.DID. OR US-20020093527-\$.DID. OR US-20020112035-\$.DID. OR US-20020120851-\$.DID. OR US-20020129158-\$.DID. OR US-20020133500-\$.DID. OR US-20020138571-\$.DID. OR US-20020138726-\$.DID. OR US-20020152302-\$.DID. OR US-20020162104-\$.DID. OR US-20020165870-\$.DID. OR US-20020166053-\$.DID.	US-PGPUB; USPAT; USOCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:03
S156	40	US-20020174030-\$.DID. OR US-20020174415-\$.DID. OR US-20020176572-\$.DID. OR US-20020184217-\$.DID. OR US-20020184488-\$.DID. OR US-20030005168-\$.DID. OR US-20030026431-\$.DID. OR US-20030028610-\$.DID. OR US-20030037029-\$.DID. OR US-20030046176-\$.DID. OR US-20030046270-\$.DID. OR US-	US-PGPUB; USPAT; USOCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:03

		20030050919-\$.DID. OR US- 20030061506-\$.DID. OR US- 20030081785-\$.DID. OR US- 20030081790-\$.DID. OR US- 20030093457-\$.DID. OR US- 20030095552-\$.DID. OR US- 20030099248-\$.DID. OR US- 20030110280-\$.DID. OR US- 20030115218-\$.DID.				
S157	38	US-20030132949-\$.DID. OR US- 20030154396-\$.DID. OR US- 20030154401-\$.DID. OR US- 20030159048-\$.DID. OR US- 20030163704-\$.DID. OR US- 20030182310-\$.DID. OR US- 20030182584-\$.DID. OR US- 20030204692-\$.DID. OR US- 20030208485-\$.DID. OR US- 20030217281-\$.DID. OR US- 20030220999-\$.DID. OR US- 20030222141-\$.DID. OR US- 20040041845-\$.DID. OR US- 20040049702-\$.DID. OR US- 20040064507-\$.DID. OR US- 20040117371-\$.DID. OR US- 20040131191-\$.DID. OR US- 20040186845-\$.DID. OR US- 20040205576-\$.DID.	US-FGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:04
S158	40	US-20040215956-\$.DID. OR US- 20040215962-\$.DID. OR US- 20040243853-\$.DID. OR US- 20040254884-\$.DID. OR US- 20050050098-\$.DID. OR US- 20050091289-\$.DID. OR US- 20050097061-\$.DID. OR US- 20050138383-\$.DID. OR US- 20050168766-\$.DID. OR US- 20050268033-\$.DID. OR US- 20060075258-\$.DID. OR US- 20060101285-\$.DID. OR US- 20060149407-\$.DID. OR US- 20060184637-\$.DID. OR US- 20060277316-\$.DID. OR US- 20070083575-\$.DID. OR US- 20070192478-\$.DID. OR US- 20070193397-\$.DID. OR US- 20070294368-\$.DID. OR US- 20080075126-\$.DID.	US-FGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:04
S159	30	US-20090254843-\$.DID. OR US- 5267313-\$.DID. OR US-6366298-\$.DID. OR US-6587878-\$.DID. OR US-6591295- \$.DID. OR US-6629140-\$.DID. OR US- 6990441-\$.DID. OR US-7003116-\$.DID. OR US-7343488-\$.DID. OR US-7484245- \$.DID. OR US-20020112048-\$.DID. OR US-20030061482-\$.DID. OR US- 20030191938-\$.DID. OR US- 20030154296-\$.DID. OR US- 20030217282-\$.DID.	US-FGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:05
S160	457	S148 S149 S150 S151 S152 S153 S154 S155 S156 S157 S158 S159	US-FGPUB; USPAT; USOCR; FPRS;	OR	ON	2011/01/26 17:05

			EPO; JPO; DERWENT; IBM_TDB			
S161	52	S160 and header with encrypt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/26 17:06
S162	513	header with access near2 (access rule permission)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/29 23:01
S163	75	header with access near2 (access rule permission) and (encryption decryption crypto\$8) adj key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/29 23:07
S164	48	encrypt\$4 with header with access near2 (access rule permission)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/29 23:12
S165	261	header with access near2 (access rule permission) and key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/30 02:13
S166	1492	header with access near2 (control rule permission) and key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/30 10:06
S167	61	encrypt\$4 near2 header with access near2 (control rule permission) and key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/30 10:07
S168	2970	header with (encrypt\$4 decrypt\$4 crypto\$8 document file) near2 key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/30 10:24
S169	1828	header with (encrypt\$4 decrypt\$4 crypto\$8 document file) adj key	US-PGPUB; USPAT;	OR	ON	2011/06/30 10:24

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S170	1750	header with (encrypt\$4 decrypt\$4 crypto\$8) adj key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/30 10:24
S171	119	header with (encrypt\$4 decrypt\$4 crypto\$8) adj key with access	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/30 10:24
S172	1	("6603857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/06 12:52
S173	21	encrypt\$4 with key with (each every) adj day	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/06 13:01
S174	49	encrypt\$4 with (each every) adj day	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/06 13:09
S175	19	(creat\$4 generat\$4) near2 key with (each every) adj day	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/23 22:38
S176	3	key near2 pair with (each every) adj day	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/23 23:25
S177	121	("4831555"   "5077795"   "5319562"   "5422954"   "5602921"   "5606613"   "5666421"   "5712787"   "5799093").PN. OR ("6005945").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/03/23 23:28
S178	1	key near2 pair with "24" adj hours	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/23 23:28

S179	602	key with "24" adj hours	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/23 23:29
S180	14	(creat\$4 generat\$4) near2 key with "24" adj hours	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/23 23:29
S181	1	("6851050").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/24 00:00
S182	1172	key near2 available with (generat\$4 creat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/24 00:17
S183	0	key near2 "not" adj available with (generat\$4 creat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/24 00:17
S184	0	key with "not" adj available with (generat\$4 creat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/24 00:18
S185	90	key near2 available with (generat\$4 creat\$4) with new	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/24 00:18
S186	1	("20010014862").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/25 19:40

**EAST Search History (Interference)**

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**3/ 25/ 2012 7:44:54 PM****C:\Users\ypaliwal\Documents\EAST\Workspaces\10-676850.wsp**